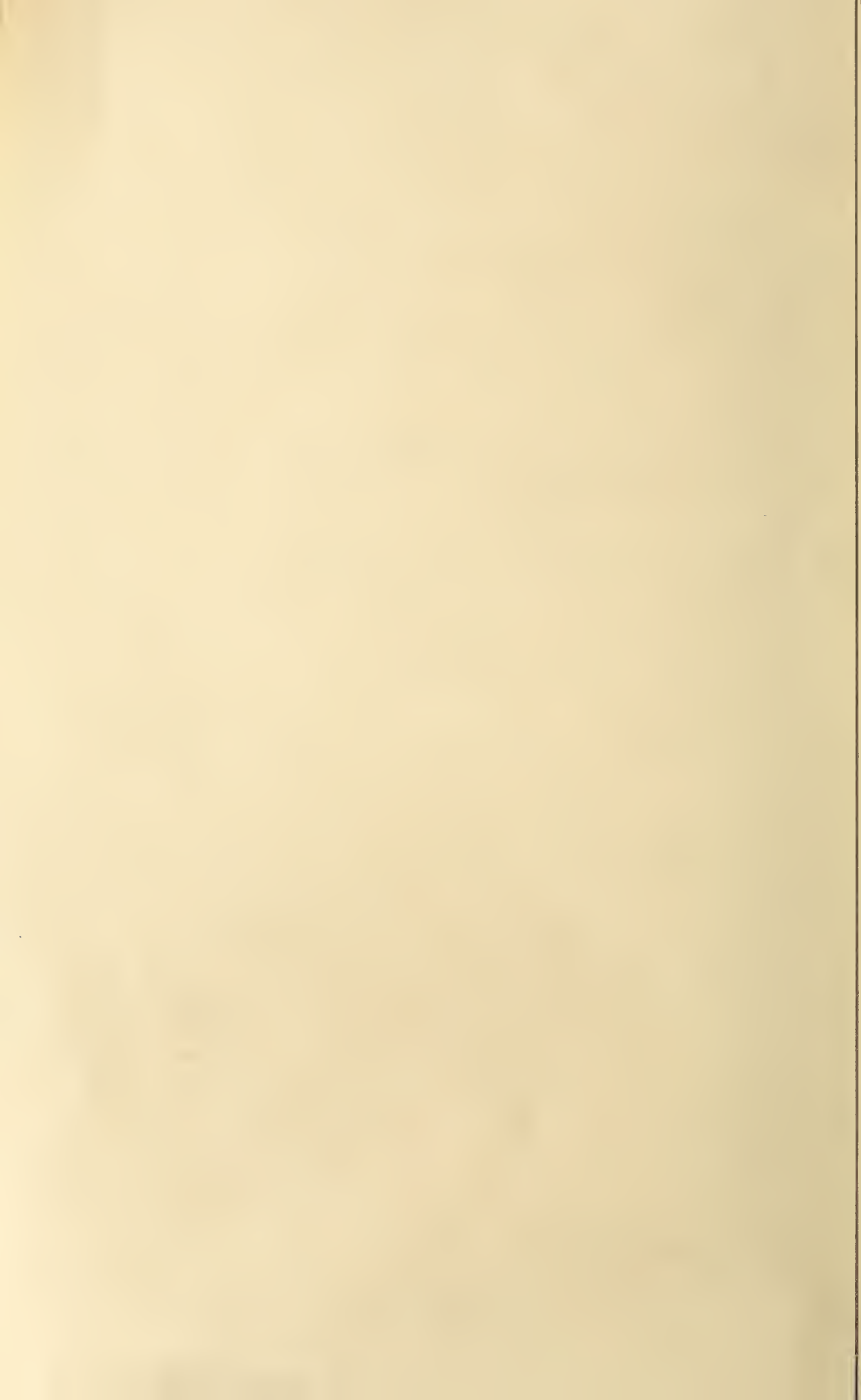
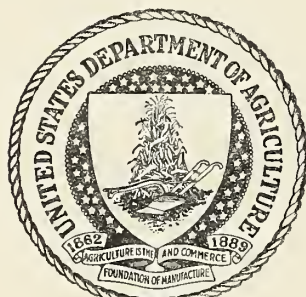


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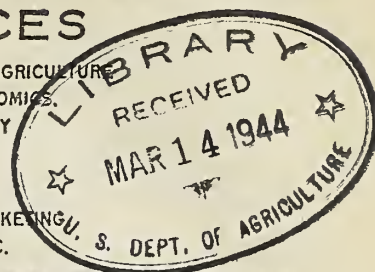


COTTON LITERATURE

SELECTED REFERENCES

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BUREAU OF AGRICULTURAL ECONOMICS, WASHINGTON, D. C.



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COTTON LITERATURE is compiled mainly from material received in the Library of the U. S. Department of Agriculture.

Copies of the publications listed herein can not be supplied by the Department except in the case of publications expressly designated as issued by the U. S. Department of Agriculture. Books, pamphlets, and periodicals mentioned may ordinarily be obtained from their respective publishers or from the Secretary of the issuing organization. Many of them are available for consultation in public or other libraries.

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Machines won't wait. Collier's 98(16): 70. Oct.17, 1936. (Published by Crowell Publishing Co., Springfield, Ohio)

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Cox, A.B. Cotton. Tex.Business Rev.10(10): 6-7. Nov.28,1936. (Published by Bureau of Business Research, University of Texas, Austin, Tex.) 280.8 T312

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Address before directors of the General Education Board and Trustees, Rockefeller Foundation, Ithaca, N.Y., October 30, 1936.

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[United States Resettlement Administration] Few tenants become owners under present system. Farm and Ranch 55(22): 20-21. Nov. 15, 1936. (Published at 3306 Main St., Dallas, Tex.) 6 T31

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Cooperation in Production

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Hardy, Gordon G. Handling fires in cotton gins. Amer. Ginner and Cotton Oil Miller 14(3): 4. November 1936. (Published by American Ginner Publishing Co., P.O. Box 504, 215 East Third St., Little Rock, Ark.) 72.8 Am35

Hardy, Gordon G. How we may avoid losses from gin-cut cotton. Prog. Farmer (Miss. Valley ed.) 51(10): 7, 14. October 1936. (Published at Cotton Exchange Bldg., Memphis, Tenn.) 6 So81
Training and replacing broken saws are methods advocated.

National ginners meet in Dallas. Cotton Ginners' Jour. 8(3): 5, 14. December 1936. (Published by Texas Cotton Ginners' Association, 109 North Second Ave., Dallas, Tex.) 304.8 C824
Account of annual meeting of the National Ginners' Conference, Dallas, Texas, November 13-14, 1936.

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Turner, W.S. Fraudulent ginning practices. Amer. Ginner and Cotton Oil Miller 14(3): 5, 9. November 1936. (Published by American Ginner Publishing Co., P.O. Box 504, 215 East Third St., Little Rock, Ark.) 72.8 Am35

Comment on article on false-packed American cotton which appeared in Liverpool, (England) Sunday Times. Government supervision of the baling of cotton is advocated as a means of remedying the situation.

Weaver, Otis T. Small gins more economical at low volumes. News for Farmer Cooperatives 3(9): 8-9. December 1936. (Published by the Farm Credit Administration, Washington, D.C.)

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Baling

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Report to the Board of Directors, Staple Cotton Cooperative Association on the current situation.

National association of manufacturers. Committee on agricultural cooperation. Cotton in America. Natl. Assoc. of Manfr. Com. on Agr. Coop. Bull. 12, 4pp., illus., table. New York. 1936.

"This bulletin is one of a series prepared... for the information of industrialists. The facts it contains are part of the general study and should not be used as a basis for conclusions until the entire study is completed."

Cotton situation and a brief sketch of cotton production in the United States.

Skinner's cotton trade directory of the world, 1936-37. 1005pp. Manchester, Eng., T. Skinner & co. [1936] 304.8 Sk3 1936/37

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United States Bureau of the census. Cotton production and distribution, season of 1935-36. Prepared under the supervision of Harvey J. Zimmerman, chief statistician for cotton. U.S. Bur. Census Bull. 173, 54pp., tables. Washington, D.C. 1936. 157.41 B89 [Cot]

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Discussion of the current situation in the cotton textile industry.

[Cotton manufacturers association of North Carolina] Compliance is theme of North Carolina convention. Cotton [Atlanta] 100 (12): 79. December 1936. (Published by W.R.C. Smith Publishing Company, Grant Bldg., Atlanta, Ga.) 304.8 C823

Report of annual convention which was held at Pinehurst, N. C. on November 5, 1936.

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Cotton-textile commission to visit Japan. Cotton [Atlanta] 100(12): 61. December 1936. (Published by W.R.C. Smith Publishing Company, Grant Bldg., Atlanta, Ga.) 304.8 C823

The personnel of the commission is given.

Dutton, W.S. Cellulose--The South's new industrial star. Major trend of development is southward for the manufacture of this product of 10,000 uses--Furnishes market for one-fifth of cotton crop. Mfrs. Rec. 105(12): 32-33, 64, illus. December 1936. (Published at Commerce and Water Sts., Baltimore, Md.) 297.8 M31

Exports of cotton piece-goods in 1935. Comparisons with 1913 and 1933-34. Gt. Brit. Bd. Trade Jour. 137(2077): 428-431, tables. Sept. 24, 1936. (Published by H.M. Stationery Office, Adastral House, Kingsway, London, W.C.2, England) 256.03 T67J
Exports from Great Britain are noted.

F., M.S. Price and production control in Japan's silk plan. Far Eastern Survey 5(24): 257, 258. Dec. 2, 1936. (Published by the American Council, Institute of Pacific Relations, 129 East 52nd St., New York, N.Y.)

"Another governmental attempt to ameliorate the perennial difficulties of the Japanese silk industry is foreshadowed in a draft plan recently drawn up by the Japan Central Raw Silk Association ... in cooperation with the Raw Silk Bureau of the Ministry of Agriculture and Forestry. The latest scheme is, however, a new departure in two important respects, in that it contemplates not only direct regulation of prices but also measures for controlling the output of cocoons. In view of the historical relationship between silk and cotton, the two great staples of Japanese-American trade, it is interesting to note that this scheme is being put forward in Japan at a time when the idea of the AAA and crop insurance is being revived in the United States.

[Fisher, Russell T.] A radio address by Fisher. Fibre and Fabric 89(2705): 6. Dec. 5, 1936. (Published by Wade Publishing Co., 465 Main St., Kendall Square, Cambridge, Mass.) 304.8 F44

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Great Britain Department of overseas trade. Report on economic and commercial conditions in Japan, June 1936. By Sir G.B.Sansom. 138pp., tables. London, H.M.Stationery off., 1936. 269.7 G79 Textiles. Cotton industry, pp.29-33.

Italiener, K. Management planning. Fundamentals of cost accounting in the textile industry. Textile Weekly 18(458): 667. Dec.11,1936. (Published at 49, Deansgate, Manchester, 3, England) 304.8 T3127
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Krause, H. Japan. Zur frage der unteren grenze für textil-ausfuhrpreise. Wirtschaftsdienst 21(23): 801-802. June 5, 1936. (Published at Poststrasse 19, Hamburg, 36, Germany) 280.8 W74

Japan. On the question of a lower price for textile exports.

"The question whether Japan can lower the price of textiles still further is discussed. Tables are given showing the import of raw cotton and export of cotton yarn, their weights and values, in 1933 for Germany, England, Italy, and Japan. The difference in price of the cotton imported and the yarn exported is also considered... The conclusion is drawn that Japanese prices have not reached their lowest level of profit." Textile Inst.Jour.27(8): A414. August 1936.

Milnes, A.H. The British textile engineering industry. A general survey of conditions. Textile Inst.Jour.27(11): P372-P382, table. November 1936. (Published at 16 St.Mary's Parsonage, Manchester, 3, England)

Brief historical review of conditions in the cotton textile industry in Great Britain, the United States and other countries.

Murchison, C.T.] Murchison answers Berry report. Textile Bull.51(9): 12. Oct.29,1936. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.) 304.8 So82

The author comments on the report "of production, wages and employment in the cotton textile industry during the years 1914-1933 issued in Washington by Co-ordinator for Industrial Co-operation George Berry."

Turkey cotton industry. Textile Colorist 58(693): 610. September 1936. (Published at Woolworth Bldg., 233 Broadway, New York, N.Y.) 306.8 T31
 Statistics showing the growth of the Turkish cotton textile industry are given.

United States Coordinator for industrial cooperation. Council for industrial progress. Analysis of production, wages and employment in the manufacturing industries, 1914-1933. Group summary: textiles and their products and sub-group summary: cotton goods... Vol.1, no.12. 17pp., tables, charts, multigr. Washington, D.C., 1936. 173.2 In2A

Extracts in Bedding Mfr.32(4): 30,32. November 1936.

WPA big textile buyer. Amer.Cotton Grower 2(7): 9,14,illus. Dec.1,1936. (Published at 535 Gravier St., New Orleans, La.) 72.8 Am32

Quantities of cotton textiles used by the Works Progress Administration are noted.

Wendzel, Julius T. The mill demand for wool and inter-textile competition. Rev.Econ.Statist.18(4): 172-182. November 1936. (Published at Harvard University Press, Cambridge, Mass.)

"The present paper throws some light on the factors underlying that drastic decline in wool consumption by United States mills which took place during the post-war period ... A study of the structure of that industry, together with historical observation, permitted us to form the hypothesis that the decline in wool consumption was considerably influenced by relative prices and that, therefore, the decline was to a considerable extent in the nature of a price-induced displacement of wool by silk and rayon."

Williams, Ben J. World trade or world chaos foreseen by cotton exporter. Solution of problem sought by merchants. The world's needs are identical with the needs of the cotton grower, says head of Shippers' association. U.S. leadership in recovery. Financial supremacy of U.S. imposes responsibility in restoration of world trade. Cotton Trade Jour.16(49): 1. Dec.5,1936. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

"When goods and services are more freely exchanged between nations of the earth, the southern cotton farmer will acquire a state of genuine prosperity."

Supply and Movement

B., K. Soviet cotton production gains, textiles lag. Far Eastern Survey 5(24): 261-262. Dec.2,1936. (Published by the American Council, Institute of Pacific Relations, 129 East 52nd St., New York, N.Y.)

"Increase in Soviet cotton production and decrease in Soviet cotton imports have recently been announced. An excellent crop is reported in Central Asia, the heart of Soviet cotton cultivation... The U.S.S.R. is now producing long-stapled cotton for which formerly the country was dependent on imports."

Benson, Barbara. Cotton growing in the Sudan. Over 100,000 men, together with their wives and families, migrate annually into the Sudan for the cotton picking season. Textile Recorder 54(645): 24-25, illus. Dec.6,1936. (Published at Old Colony House, Manchester, 2, England) 304.8 T311

[Commerce and finance] Cotton ginnings forecast. Com. and Finance 25(25): 896-897, table, chart. Dec.12,1936. (Published by Comfine Publishing Corp., 95 Broad St., New York, N.Y.) 286.8 C737

An estimate of the final ginning outturn of the 1936 crop is given and the method of estimating is explained. Comparisons of this journal's previous estimates with those of the U.S. Department of Agriculture are given.

[Cotton export problem is still unsolved. Substitution of foreign cotton and expansion of foreign production continues unabated] Tex. Weekly 12(50): 2-3. Dec.12,1936. (Published at Dallas Athletic Club Bldg., Dallas, Tex.) 280.8 T31

An editorial.

Cotton in Argentina. Pan Amer. Union Bull. 70(9): 747-748, table. September 1936. (Published at Seventeenth St. and Constitution Ave., N.W., Washington, D.C.) 150.9 M76

Production statistics for the years 1928/29 to 1935/36 are given.

Declining staple menace. Cotton Digest 9(9): 3. Dec.5,1936. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

This editorial on the gradual decline in the quality of the United States cotton crop, suggests control of planting seed by the U.S. Department of Agriculture as a remedy for the situation.

Estrada, Mario. El algodón de San Luis y Cordoba. La Embajada Argentina en los Estados Unidos recomienda el estudio del fomento algodonnero en las tierras sin riego de Villa Mercedes a Villa Dolores, Revista Mensual B.A.P.18(227): 7-13. October 1936. (Published at Buenos Aires, Argentina) 9 R326

The cotton of San Luis and Cordoba. The Argentine Ambassador in the United States recommends the study of encouraging the cotton grower in those areas without irrigation from the Town of Mercedes to the Town of Dolores.

Ferreira de Brito, J. O fomento algodoeiro em Minas. Boletim de Agricultura, Zootechnica e Veterinaria, 9(7): 33-40, illus. July 1936. (Published by Secretaria da Agricultura, Estado de Minas-Gerais, Brazil) 9.2 M66
Encouragement of cotton production in Minas.

Fürbringer, G. Cotton cultivation in Iraq. Empire Cotton Growing Rev.13(4): 322. October 1936. (Published by P.S.King & Son, Ltd., 14, Great Smith St., London, S.W.1., England) 72.8 Em7
From Wirtschaftsdienst 21: 659. 1936.

"A brief description of the developments, actual and prospective of roads and railways around Iraq. Data concerning imports and exports are given. The cotton crop in 1926 was 5,200 bales, but in 1933 it had sunk to 500 bales only. Research into the reasons for this have resulted in more suitable strains being cultivated, and the crop in 1936 reached 5,000 bales."

Indian cotton. Visit of Sir Bryce C. Burt to Manchester. Manchester Chamber of Com.Mo. Rec.47(11): 493. Nov.30,1936. (Published at Ship Canal House, King St., Manchester, 2, England) 287 M31

Increased imports of Indian cotton by Great Britain since the Lancashire Indian Cotton Committee was established are reported.

Lanham, W.B., McWhorter, C.C. and Skinner, I.M. Grade and staple length of cotton produced in Louisiana 1928-34. 4lpp., tables, charts. Washington, D.C., Bureau of Agricultural Economics, United States Department of Agriculture, 1936.

"In cooperation with Louisiana experiment station."

Nance, Gordon B. Cotton--Missouri's largest cash crop. Mid-So.Cotton News 14(5): 4. December 1936. (Published at 822 Falls Bldg., Memphis, Tenn.) 72.8 C8295

Cotton production compared with that of other crops in Missouri for the years 1932, 1933 and 1934 is given.

Un nuevo "record" ha alcanzado la exportación de fibra de algodón. En los nueve primeros meses de 1936 se han exportado 5,061 toneladas más que en todo el año 1935. Gaceta Algodonera 12(153): 14, 16, tables. Oct. 31, 1936. (Published at Reconquista 331, Casilla Correo 550, Buenos Aires, Argentina) 72.8 G11

A new "record" has overtaken the exportation of the cotton fiber. In the first nine months of 1936 5,061 tons more has been exported than in 1935.

Ousley, Clarence. Cotton improvement program. Cotton and Cotton Oil Press 37(51): 14. Dec. 19, 1936. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

An editorial on the program adopted by the Texas Cotton Improvement Committee, which says in part: "It is comprehensive and adequate for the purpose, and the need for its early and complete execution is apparent to all persons who are aware of the lamentable decline in the quality of Texas cotton."

The Pendleton plan. Cotton Digest 9(11): 9. Dec. 19, 1936. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

"The complete plan as prepared by the Texas Cotton Improvement Committee for improvement of cotton in the western portion of the cotton belt," is given.

Plan adopted for the permanent improvement of Texas cotton. Cotton and Cotton Oil Press 37(50): 3-4. Dec. 12, 1936. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

An account of a meeting in Dallas, Texas, December 4, 1936, at which the Cotton Improvement Committee of Texas adopted W.F. Pendleton's amendment plan for the improvement of Texas cotton. An outline of the plan is given.

Read, weep and act. Textile Colorist 58(693): 609. September 1936. (Published at Woolworth Bldg., 233 Broadway, New York, N.Y.) 306.8 T31

An editorial on the cotton acreage reduction program of the United States government.

Rogers, John D. Planting of good seed and common-sense farming requisite to profitable agriculture. Experience has shown that quality cotton

will sell for good premium and as much cotton per acre can be produced. Time for Texas farmers to get hard hearted. Tex.Co-op News 16(12): 3. Dec.15,1936. (Published by Texas Co-operative Publishing Co., Inc., 601 Taylor St., Fort Worth, Tex.) 72.9 T315F.

Schoffelmayer, Victor H. State-wide program launched to better Texas cotton staple. Federal government to be asked to pay \$1 to \$2 acre to farmer using improved seed. Quality decreases. Markets being lost to other areas; may be in 1937 crop contract. Dallas Morning News, sec.2: 1. Dec.5,1936. (Published by A.H.Belo Corporation, Dallas, Tex.)

Report of meeting of the Texas Cotton Improvement Committee, Dallas, December 4, 1936. Details of W.F.Pendleton's plan for improvement of the staple are given.

Also reported in Cotton and Cotton Oil Press 37(49): 9. Dec.5,1936; Cotton Digest 9(10): 8. Dec.12,1936; Tex.Co-op.News 16(12): 1, Dec.15,1936; Cotton Ginners'Jour.8(4): 16-17. January 1937.

United States Bureau of agricultural economics. Crop reporting board. Cotton revisions; acreage yield and production, crop years, 1866-1935, by states. 34pp.,tables. Washington, D.C., 1936.

Prices

[Moore, Perry E.] Spots and futures parity too wide. Cotton Digest 9(11): 12. Dec.19,1936. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 285.82 C822

"Proposes considering change in New York Cotton Exchange contract to more fully meet needs of both export and domestic trade."

Marketing and Handling Methods and Practices

Gary, R.M. The greatest evil in the cotton industry today. Cotton Ginners' Jour.8(4): 19. January 1937. (Published by Texas Cotton Ginners' Association, 109 North Second Ave., Dallas, Tex.) 304.8 C824

Advocates passage of laws prohibiting cotton gins from buying cotton.

Hesse, T.G. Cotton marketing. Rhodesia Agr.Jour. 33(8): 565-577,table. August 1936. (Published at Salisbury, Rhodesia) 24 R34

The author discusses futures markets (especially Liverpool), the futures contract hedging, spot transactions, basis, local market (in Rhodesia), and valuation of cotton.

International markets. Cotton Digest 9(10): 3.
Dec.12,1936. (Published at 710 Cotton Exchange
Bldg., Houston, Tex.) 286.82 C822

An editorial.

"As a result of increased world production of cotton, especially the heavy proportionate increase of foreign growths, discussion among members of the trade is going on as to the feasibility and desirability of establishing an international contract for future delivery."

N.O. Exchange changes contract. Cotton Digest 9
(11): 11-12. Dec.19,1936. (Published at 710
Cotton Exchange Bldg., Houston, Tex.) 286.82
C822

"Under the terms of the new contract, both buyer and seller can make a fixed calculation of all charges that may accrue in the delivering or receiving of cotton on contract."

[Orvis, Homer W.] Defends cotton exchange practices.
Textile Bull.51(15): 6,12-13, table. Dec.10,1936.
(Published by Clark Publishing Co., 118 West
Fourth St., Charlotte, N.C.) 304.8 S082

Letter to David Clark, editor, referring to an editorial "What Are Cotton Futures," published in the October 26, 1936, issue of the Textile Bulletin.

Services and Facilities

[Alabama state docks commission] Cotton service rates revised at Alabama state docks; resolution cites action taken to protect port, farmer. Port of Mobile Bull.10(12): 5. Dec.1,1936. (Published by authority of Alabama State Docks Commission, Mobile, Alabama)

The resolution authorizes the same charges as those inaugurated recently at New Orleans and Gulfport.

B., R.H. Cotton as bank collateral. Acceptance Bull.18(2): 2,6. February 1936. (Published by American Acceptance Council, New York, N.Y.)

Scheme for the orderly marketing of cotton held by the Reconstruction Finance Corporation.

Chang, Lu-Luan. Some principles governing the success and failure of merchants and cotton

wholesalers. Economic Facts (2): 107-121, tables. October 1936. (Published by Department of Agricultural Economics, College of Agriculture and Forestry, University of Nanking, Nanking, China)

A study of the relationships between the amount of capital, volume of business, number of employees, running expenses and net profits of 154 cotton commission merchant's shops and 201 cotton wholesalers shops in Hupeh and Honan provinces.

Cotton-classing plan is an aid to ginner and farmers. Cotton and Cotton Oil Press 37(48): 9. Nov.28,1936. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

"The gins in a number of communities have joined together and employed a Government-licensed cotton classer, located at a convenient central point. After ginning a farmer's cotton, the ginner hands him a yard ticket on which are shown the number and weight of the bale, this ticket and sample being taken by the farmer to the classer. The bale is classified and priced according to the market of that day."

Manchester cotton association limited. Annual meeting of members held in Manchester, Tuesday, November 24th, 1936. Cotton [Manchester] 42 (2041): 9-11. Nov.28,1936. (Published by the Manchester Cotton Assoc.,Ltd., 411 Fourth Floor, Royal Exchange, Manchester, 2, England) 304.8 C826

Brief account of the activities of the association is given.

Parker, W.A. Country damage to cotton. Cotton worth growing is worth saving, and this article warns cotton farmers against the folly of leaving cotton to the mercy of the elements. Carolina Co-operator 14(12): 21,illus. December 1936. (Published by the Carolina Co-operator Publishing Co., corner of Fayetteville and Cabarrus Sts., Raleigh, N.C.) 72.8 N81

The damage "to cotton left out in the open or stored under a leaky roof amounts to an estimated average of \$5.00 per bale."

Cooperation in Marketing

ACCA caught pants down, playin' bear. Performs miracle, "making money for cotton farmers," by

delivery on December contracts. Consistent bear policy. Bull pool takes delivery from co-ops, makes nice profit stimulates speculative interest and advance in price. Cotton Trade Jour. 16(51): 1. Dec. 19, 1936. (Published at 810 Union St., New Orleans, La. 72.6 C8214

"It is estimated that ACCA has lost over \$100,000 for its farmer members by delivery on December contracts in line with the bearish policy which it has consistently employed throughout the present marketing season."

Andrews, Stanley. The coop way in Louisiana. Amer. Cotton Grower 2(7): 6-7, illus. Dec. 1, 1936. (Published at 535 Gravier St., New Orleans, La.) 72.8 Am32

Brief account of the Louisiana Cotton Cooperative Association.

Butler, Tait. Still time to right a wrong. Miss. Co-op News 8(5): 1, 4. November 1936. (Published at 235-1/2 E. Capitol St., Jackson, Miss.) 72.8 M69

Advocates payment to cotton cooperatives of losses sustained during the stabilization operations of the Federal Farm Board in 1929 and 1930.

Also in Prog. Farmer (Miss. Valley ed.) 51(10): 3. October 1936.

Lowry, O.M. Agriculture in twilight zone of new era. Farmers urged to protect gains made by group effort. All phases of agriculture discussed at Southwestern cotton conference held at Paris. Co-op marketing endorsed. Tex. Co-op News 16(12): 2. Dec. 15, 1936. (Published by Texas Co-operative Publishing Co., Inc., 601 Taylor St., Fort Worth, Tex.) 72.9 T315F

The meeting was held under the auspices of the Texas Cooperative Council, the Extension Department of the A. & M. College, and the Lamar and Paris County Chambers of Commerce.

Also reported in Mid-So. Cotton News 14(5): 6. December 1936.

Robbing cooperative cotton growers. Prog. Farmer (Tex. ed.) 51(12): 5, 49. December 1936. (Published at 1104 Insurance Bldg., Dallas, Tex.) 6 T311

An editorial advocating payment to the cotton cooperatives for losses sustained during the stabilization operations of the Federal Farm Board.

UTILIZATION

Fiber, Yarn, and Fabric Quality

[Ahmad, Nazir] The influence of method of picking on the quality of Cambodia cotton. India. Indian Central Cotton Com.Technol. Lab.Technol.Leaflet 5, 6pp., tables. Bombay, 1935. 72.9 In2332L

Ahmad, Nazir, and Nanjundayya, C. A new method and apparatus for determining the average length and fineness of cotton hairs. India. Indian Central Cotton Com.Technol.Lab.Technol. Bull.(ser.B) 21, 22pp., illus., tables. Bombay, 1936. 72.9 In233B

Bibliography, p.22.

Also in Textile Inst.Jour.27(11): T253-T272. November 1936.

American association of textile chemists and colorists. 1935-36 year book. 570 pp., illus. New York, Howes publishing co., inc., 1936. 306.9 Am32

Partial contents: Standard methods for determining the fastness of dyestuffs on the fiber, pp.86-87; Tabulation of American dyes, pp.242-379.

Détermination de la quantité en coton brut. Comment le microscope polarisant peut aider le filateur à déterminer la maturité des fibres de coton. Revue Textile 34(11): 639,641, illus. November 1936. (Published at 61, Avenue Jean-Jaurès, Paris (XIX^e), France) 304.8 R32

Determination of the quantity (quality?) in raw cotton. How the polarising microscope can aid the spinner to determine the maturity of cotton fibers.

Elmqvist, Ruth E., and Downey, K. Melvina. Ironing as a factor in the deterioration of cotton fabrics. Rayon Textile Mo.17(12): 814-816, table, illus. December 1936. (Published at 303 Fifth Ave., New York, N.Y.) 304.8 R21

To be continued.

Fischer, Herbert. Determining the fineness of fibers according to the weighing method. Rayon Textile Mo.17(12): 798-799, illus. December 1936. (Published at 303 Fifth Ave., New York, N.Y.) 304.8 R21

An instrument patented in Germany for determining the fineness of fibers is described.

Greenfield, E.W. Residual moisture in cellulose dielectrics. Franklin Institute Jour. 222(3): 345-358, tables, charts. September 1936. (Published at Prince and Lemon Sts., Lancaster, Pa.) 470 J82

Bibliography, p.358.

"The purpose of this contribution is to briefly call attention to the colloidal nature and structure of cellulose, the physical and chemical character of its typical adsorption and finally the behavior to electric stress which is expected to result from such a system exhibiting the properties described."

Landau, A.K. Shall twist be balanced? Mills should conduct more research to establish single and ply relationships that suit conditions. Textile World 86(13): 2510-2511, chart. December 1936. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N.Y.) 304.8 T315

"The amount of twist ... has a fundamental effect on the strength and elasticity of the yarn, and to a very great and definite extent fixes the character of the yarn with regard to these important properties."

Möller, E. Studie über das verhältnis der garnnummer zum fadenquerschnitt und zur warendichte. Mel-liand Textilberichte 17(7): 558-559, illus. July 1936. (Published at Heidelberg, Germany) 304.8 T312

Study of the relations of the yarn count to its cross section and density.

"The relations between counts, cross-sections and the density of yarns in fabrics are discussed and the method of calculating the required change in yarn density required to produce a fabric of the same weight or the same cover on changing the yarn count is explained. C."-Textile Inst. Jour. 27(10): A492. October 1936.

Neale, S.M. The molecular weights of celluloses: A survey of recent work. Soc. Chem. Indus. Jour. 55(31): 602-605. July 31, 1936. (Published at 46 & 47, Finsbury Square, London, E.C. 2, England) 382 M31

References, p.605.

"A general account is given of recent work on the molecular weight of cellulose. There is increasing support for the view that there is a relation between viscosity and chain length, leading to molecular weights of native cellulose of the order of 300,000. Chemical, or end-group

methods for such determinations are described. A table is given showing various properties of celluloses and their degradation products, arranged in order of the "degree of polymerisation" from 1400 to 85. The data suggest that the maximum molecular weight for cotton cellulose is greater than 200,000 ... C".-Textile Inst. Jour.27(10): A498-A499. October 1936.

Nutting, R.D. The measurement of color of dyed textiles. Amer.Dyestuff Repr.25(22): 585-592, charts. Nov.2, 1936. (Published by Howes Publishing Co., Inc., 440 Fourth Ave., New York, N.Y.) 306.8 Am3

St.Gall (City) Switzerland. Schweizerische versuchanstalt. XXIII jahresbericht 1934. [82] pp., illus., tables. St.Gallen, 1935. 297.9 Sa2

23d annual report 1934.

Summary in French.

The report on the textile industry department contains an account of the variety of problems presented for solution. Raw materials, threads, fabrics and manufactured articles composed of all sorts of fibres have been examined to determine such things as the number of the thread, the composition of the fabric and its resistance, the stability of the dye, or the impermeability of the fabric, or to discover the causes of imperfections. In the case of cotton fabrics defects have been found to be due to an oiling of the thread or the fabric previous to bleaching, to soiling by foreign substances or metals, to errors in sizing or to mechanical lesions caused during the weaving or finishing processes. Many of these defects are not immediately noticeable and only show up after several stages of manufacture or even after the article is in use. Often long and very complicated tests are required to determine the cause of defects.

Note: The report for 1935 has not been published. It will be incorporated with that of 1936. - A.M.Hannay.

Schwarz, E.R. The textile industry interprets research. II. Some fundamental concepts of textile physics: Rayon Textile Mo.17(12): 785-786, 799. December 1936. (Published at 303 Fifth Ave., New York, N.Y.) 304.8 R21

Deformation, shear, tension and compression, are among the terms explained.

Schwarz, E.R., and Hotte, G.G. Bemerkungen über die bestimmung der reife der baumwollfaser mit polarisiertem licht. Melliand Textilberichte 17 (7): 549-551, illus., table. July 1936. (Published at Heidelberg, Germany) 304.8 T312

Note on the determination of cotton fiber maturity with polarised light.

"Objections raised to the determination of the maturity of cotton hairs by observations in polarized light are discussed and it is pointed out that, owing to the effect of differences in structure, mature hairs of fine cottons are not readily confused with immature hairs of coarser cottons. Details of apparatus and procedure and methods of counting and evaluation are given.C."-Textile Inst.Jour.27(10): A491. October 1936.

Shimbo, Kisaburo. Cellulose resources. IV.Chemical composition of cotton stalk. Agr.Chem.Soc.of Japan. Jour.11(12): 1075-1076. December 1935. (Published by the Agricultural Chemical Society of Japan, College of Agriculture, Imperial University of Tokyo, Komaba, Tokyo, Japan) 385 Ag8

In Japanese.

"The whole stalk of cotton plant was analyzed: H₂O 8.91, alc.-benzene ext. 3.66, 1% NaOH ext. 28.62, hot-H₂O ext. 13.01, cold-H₂O ext. 10.51, total cellulose 42.78 (α-cellulose 67.51), lignin 20.63, pentosan 18.38, galactan 1.23, MeO 3.93, N 0.77, ash 2.71 and Ca pectate 1.82%. The bark and the woody portion were sepd. and compared.-Y.Kihara."-Chem.Abs.30(6): 2365. Apr.10,1936.

"Technologist". Maximum lustre in mercerising cotton. Discussion of the relation between lustre increase and mercerising conditions--all fibres must receive caustic soda treatment--hot and cold treatment--length stretching. Textile Mercury and Argus 95(2484): 464, viii, illus. Oct.30,1936. (Published at 41, Spring Gardens, Manchester, England) 304.8 T318

[United States institute for textile research] Seventh annual meeting. Research conference and dinner speaking program the notable features. Textile Research 7(2): 43-82. December 1936. (Published by United States Institute for Textile Research, 65 Franklin St., Boston, Mass.) 304.8 T293

Meeting held at New York, November 5, 1936. Includes Report of the Research Council; Report of Committee on Economic Research; Annual reports of the Board of Directors and the Secretary.

"Some drying problems in other industries than the textile," by John O. Ross; "A new viewpoint in the study of Cellulosic Textile Fibres," by Wanda K. Farr; "Economic Research in the Textile Industry," by Joseph H. Willits; and "Why Textile Research," by E. H. Killheffer.

Also reported in Rayon Textile Mo.17(12): 817. December 1936; Fibre and Fabric 89(2702): 6-12. Nov.14,1936.

Wertminderung der faserstoffe bei unsachgemässer hitzeinwirkung. Spinner und Weber 54(16): 7-9. Apr.17,1936. (Published at Pössneck, Germany) 304.8 Sp41

Decrease in value of fibers through over-heating.

"Examples of faults in textile materials that have been traced to the action of heat are briefly described and the effect of high temperatures on wool, silk, cotton, rayons and other textile materials are discussed. Processes in which over-heating is liable to occur are indicated, and data showing the influence of dry and moist heat on the breaking load and extension of cellulose acetate rayon are given."- Textile Inst.Jour.27(6): A286. June 1936.

Zekoshchikov, A. Determination of the ripeness of linters, fibers and calculation of cellulose yields by cooking. 10pp., mimeogr. [n.p.,1933] 72 Z12

In Russian.

From Iskusstvennoe Volokno, 5(2): 1933, pp.37-41.

Technology of Manufacture

B., C. Ring spinning-IV. Some practical notes on the control of traverse guides and helpful suggestions in the selection of the best types. Textile Mercury and Argus 95(2484): 461,463,illus. Oct.30, 1936. (Published at 41, Spring Gardens, Manchester, England) 304.8 T318

B., C. Ring spinning--V. The setting of the traverse motion to ensure maximum life of roller coverings--traverse motion design--draft rollers and the manner in which they are mounted--how to manage light top rollers--setting inside the staple length of fibres--four lines of drawing rollers. Textile Mercury and Argus 95(2487): 545, ix, illus. Nov.20, 1936. (Published at 41, Spring Gardens, Manchester, England) 304.8 T318.

Booth, Ronald E. Examination of the carding process. A suggested method for the determination of efficiency. Textile Recorder 54(644): 32-34, tables. Nov. 6, 1936. (Published at Old Colony House, Manchester, 2, England) 304.8 T311

Cotton mill twists. Their importance in yarn manufacturing--factors that govern twist--checking methods generally used--some common twist troubles--an efficient checking method. Amer. Wool & Cotton Repr. 50(50): 11-12. Dec. 10, 1936. (Published by Frank P. Bennett & Co., Inc., 530 Atlantic Ave., Boston, Mass.) 304.8 W88

The lickerin assembly. A technical description of an important process. Saco-Lowell Bull. 8(5): 22-29, illus. December 1936. (Published by the Saco-Lowell Shops, 147 Milk St., Boston, Mass.) 304.8 Sal

Describes the process for transforming cotton from a lap to a sliver form.

"Magnum" ring twisting frames. The application of the patent twin-clutch spindle to "mangnum" universal and combination ring twisting frames increases efficiency and gives greater output per operative. Textile Mercury and Argus 95(2477): 271, illus. Sept. 11, 1936. (Published at 41, Spring Gardens, Manchester, England) 304.8 T318

Mauersberger, H.R. Balloonless ring spinning. Rayon Textile Mo. 17(12): 803-804, illus. December 1936. (Published at 303 Fifth Ave., New York, N.Y.) 304.8 R21

A resumé of an article by Dr. Ing. W. Frenzel, which appeared in the November 1936 issue of Melland Textilberichte.

"Mercurian". XL ring spinning spindle. A new spindle for use on ring spinning and twisting frames adapted to run at high speeds, to carry large bobbins without vibration, is perfectly lubricated, has low power consumption, and embodies a superior brake that does not disturb the true running of the spindle. Textile Mercury and Argus 95(2485): 483, 485, illus. Nov. 6, 1936. (Published at 41, Spring Gardens, Manchester, England) 304.8 T318

Also in Textile Recorder 54(644): 53-54, illus. Nov. 6, 1936.

Meynell, Henry. High draft cotton spinning. The Meynell patent washer roller. Textile Weekly 18(456): 601, 603. Nov. 27, 1936. (Published at

49, Deansgate, Manchester, 3, England). 304.8 T3127

Report of discussion at Tennessee meeting. Textile Bull.51(12): 6-8,10,23. Nov.19,1936. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.) 304.8 So82

Report of meeting of Tennessee Division of the Southern Textile Association, Knoxville, November 7, 1936.

Program of the meeting was "devoted to a technical discussion of questions covering various processes from opening to weave room."

Ring travelers. Small but busy. Many different kinds. Temper very special. Must be carefully finished. Example of fine yarn and coarse yarn. Distance traveled. Amer.Wool & Cotton Reptr.50 (50): 12,32. Dec.10,1936. (Published by Frank P. Bennett & Co., Inc., 530 Atlantic Ave., Boston, Mass.) 304.8 W88

Saco-Lowell contributions to the new era in cotton spinning practice. Saco-Lowell Bull. 8(5): 14-18,illus. December 1936. (Published by the Saco-Lowell Shops, 147 Milk St., Boston, Mass.) 304.8 Sal

Saco-Lowell controlled draft roving. The model D frame sets a new standard for roving. Better roving at lower cost of production now an assured fact. Saco-Lowell Bull.8(5): 1-9,illus. December 1936. (Published by the Saco-Lowell Shops, 147 Milk St., Boston, Mass.) 304.8 Sal

[Shell, J.B.] Larger packages on cards and drawing frames. Textile Bull.51(14): 16-17. Dec.3, 1936. (Published by Clark Publishing Co., 118 West Fourth St., Charlotte, N.C.) 304.8 So82
Results of Mr.Shell's recent experiments regarding larger packages on cards and drawing frames, originally published in the Avondale Sun, are given.

"Spinner". Fanning on the mule. Textile Recorder 54(645): 32. Dec.6,1936. (Published at Old Colony House, Manchester, 2, England) 304.8 T311
A method of keeping the mule free from loose, floating fibers is described.

Wilson, Hamlet. Erecting cotton spinning plant. XII.-The ring frame. Textile Weekly 18(457): 635-636,illus. Dec.4,1936. (Published at 49, Deansgate, Manchester, 3, England) 304.8 T3127
To be continued.

Technology of Consumption

American society for testing materials. Committee D-13 on textile materials. A.S.T.M. standards on textile materials ... October 1936. 295pp., illus., tables, charts. Philadelphia, American society for testing materials, 1936. 304 Am32Am

"A reprint from copyright society publications."

Tentative general methods of test for properties of cotton fibers, pp.48-60.

Edgar, A.D., and Miller, Thomas, A.H. Roof coverings for farm buildings and their repair. U.S. Dept. Agr. Farmers' Bull. 1751, 30pp., illus., tables. Washington, D.C. 1935. 1 Ag84F
Canvas roofing, pp.18-19.

Firming up soft shoulders with cotton. New facts and procedure developed in Rhode Island in stabilizing sand shoulders on highways and in redressing tar roadways with a cloth and bitumen armor coat. Engin. News Rec. 117(22): 749-750, illus. Nov. 26, 1936. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N.Y.) 290.8 En34

The structure of the fabric used is given.

It's mattress making time again. Farmer-Stockman 49(23): 591, illus. Dec. 1, 1936. (Published at Oklahoma City, Okla.) 6 Ok45

Last year 350 mattresses were made from home-grown cotton in one district in southwest Texas.

Sugar bags for Hawaii a prospect for increased use of cotton. Cotton [Atlanta] 100(12): 80. December 1936. (Published by W.R.C. Smith Publishing Company, Grant Bldg., Atlanta, Ga.) 304.8 C823

"The cotton bag in which to package raw sugar was designed by technologists of the Division of Cotton Marketing of the Department of Agriculture in conjunction with North Carolina State College on the division's search for new and more extensive uses for cotton."

Textiles pour instruments de musique. Emplois et teinture des tissus dans l'industrie des instruments de musique. Revue Textile 34(11): 649, 651. November 1936. (Published at 61, Avenue Jean-Jaures, Paris (XIX^e), France) 304.8 R32

Textiles for musical instruments. Use and

dyeing of the fabrics in the musical instrument industry.

Cotton fabrics used are included.

COTTONSEED AND COTTONSEED PRODUCTS

Agee, G.7. Does it pay to produce low refining loss crude cottonseed oil? Cotton and Cotton Oil Press 37(45): 5,7, table. Nov.7, 1936. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

The author replies to an article by G.D. Wolfenden "in the Oil Mill Gazetteer for December, 1935."

Cottonseed oil margarin. Food Industries 8(9): 468-469. September 1936. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N.Y.) 389.8 F737

"When hydrogenated as specified in U.S. Patent No. 2,047,530 dated July 14 cottonseed oil undergoes a great reduction in linoleic acid glyceride content with the formation of relatively large quantities of iso-oleic glycerides and relatively small quantities of saturated acid glycerides. These changes result in an oil which churned with milk in the ratio of 4 to 1 and subsequently chilled, kneaded, and salted gives a product claimed to be equal or even superior to natural butter in its physical properties."

Drew, Jack. Secrets of the cotton boll. Amer. Cotton Grower 2(7): 8-9, illus. Dec. 1, 1936. (Published at 535 Gravier St., New Orleans, La.) 72.8 Am32
Cottonseed flour, meal, cake and hulls, and their uses.

[Julin, A.] Cottonseed oil serves as fuel for combustion engines in Congo. Indus. and Engin. Chem. (news ed.) 14(17): 345. Sept. 10, 1936. (Published by American Chemical Society, Mills Bldg., Washington, D.C.) 381 J825
Summary of a paper presented before the Association for improving Products of the Congo.
Extracts in Tropical Agr. 13(12): 314. December 1936.

Leplae, E. Pour un nouveau progrès agricole des indigènes: l'emploi obligatoire des graines de coton pour la fertilisation des terres. Institut Royal Colonial Belge. Bulletin des Séances 7(2): 266-295. 1936. (Published at Bruxelles, Belgium) 504 B836

For new agricultural progress for the natives:
The obligatory use of cottonseed for fertilizing
the land.

Lowe, C.D. Keeping farm-cured meats. Country
Gentleman 106(12): 70. December 1936. (Pub-
lished by Curtis Publishing Co., Independence
Square, Philadelphia, Pa.) 6 C833

Method for the preservation of cured meats
during the spring and summer months by storing
in refined cottonseed oil is described.

Extracts in Cotton and Cotton Oil Press 37
(48): 5. Nov.28,1936.

National cottonseed products association, inc.
Educational service. 1937 feeding practices.
Nat'l. Cottonseed Prod.Assoc.Inc.Educ.Serv.Bull.
12, 47pp.,illus.,tables. Dallas. [1936]
72.9 N213B

Pendleton, W.F. The farmer's interest in cottonseed.
Cotton and Cotton Oil Press 37(48): 304. Nov.28,
1936. (Published at 3116-18 Commerce St., Dallas,
Tex.) 304.8 C822

"Address before a meeting sponsored by the
Co-operative Council and the Paris Chamber of
Commerce, held November 19, 1936, at Paris, Texas."

"Cottonseed is the only farm product of any
importance not graded under Federal legislation."

Taylor, B.F. Sees necessity for process that will
remove impurities from linters. Cotton and Cotton
Oil Press 37(50): 4. Dec.12,1936. (Published at
3116-18 Commerce St., Dallas, Tex.) 304.8 C822

"To hold our markets for linters against wood
pulp we must arrange some way of making purer
grades," states the author in a letter to the
editor."

[Welch, J.H.] Cottonseed. A storehouse of
wealth. Tex.Citricult.and Farming 13(6):
5,12-13. December 1936. (Published by E.C.
Watson Publishing Co., Harlingen, Tex.) 80 T31
Uses of cottonseed are described.

LEGISLATION, REGULATION, AND ADJUDICATION

[Alexandria cotton exporters' association] Egyptian
cotton.--The marking of bales to indicate variety.
Cotton [Manchester] 42(2041): 13. Nov.28,1936.
(Published by the Manchester Cotton Assoc.,Ltd.,
411 Fourth Floor, Royal Exchange, Manchester, 2,
England) 304.8 C826

Regulations for the cotton season 1936-37 under
Egyptian Law 51 of 1934 are given.

Georgia margarine law will benefit producer and consumer. Cotton and Cotton Oil Press 37 (50): 7. Dec.12,1936. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

The law exempts from taxation margarine made from domestic fats and oils.

Guaranteed price for cotton. Cotton Ginners' Jour.8(4): 11. January 1937. (Published by Texas Cotton Ginners' Association, 109 North Second Ave., Dallas, Tex.) 304.8 C824

Brief article on the law, which became effective recently, guaranteeing a fixed price for all cotton produced in Yugoslavia.

Introducción clandestina de semilla de algodón. Vida Agr.13(156): 863,865-866. November 1936. (Published at Nuñez 26A, Casilla 1159, Lima, Peru) 9.8 V66

Secret introduction of cottonseed.

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After a discussion of the quality of this year's
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Egyptian methods of baling and sampling were com-
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following: "Is humidity in the picker room
beneficial?" "How much variation should be
allowed in laps?"

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C O T T O N R E P O R T S

ISSUED CURRENTLY BY
UNITED STATES GOVERNMENT DEPARTMENTS

U.S. Department of Agriculture, Bureau of Agricultural Economics

Cotton Situation: issued monthly.

Crop Reports (Summarized in Crops and Markets, which is issued monthly):
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Weekly Grade and Staple Summary: issued Saturdays during height
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and El Paso, Tex.

Market News Reports:

American Cotton Linters Price Report: issued Wednesdays at Washington,
D.C.

Daily Official Report of the Designated Spot Cotton Markets: issued at
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U.S. Department of Commerce, Bureau of the Census

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Spindles: issued monthly, about the 14th.

Cottonseed Received, Crushed, and on Hand, and Cottonseed Products
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